FIG 1

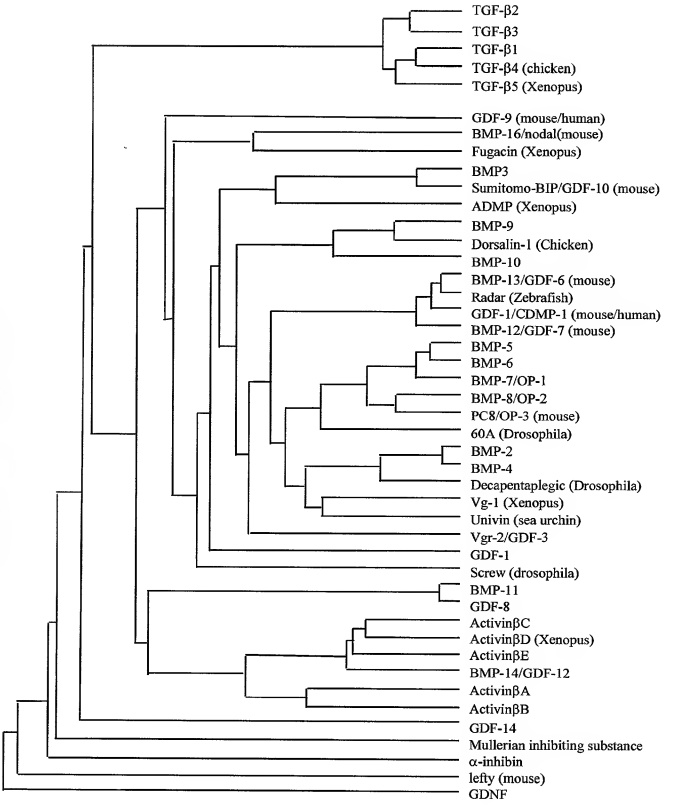

TGF-β2
TGF-β3
TGF-β1
TGF-β4 (chicken)
TGF-β5 (Xenopus)
GDF-9 (mouse/human)
BMP-16/nodal(mouse)
Fugacin (Xenopus)
BMP3
Sumitomo-BIP/GDF-10 (mouse)
ADMP (Xenopus)
BMP-9
Dorsalin-1 (Chicken)
BMP-10
BMP-13/GDF-6 (mouse)
Radar (Zebrafish)
GDF-1/CDMP-1 (mouse/human)
BMP-12/GDF-7 (mouse)
BMP-5
BMP-6
BMP-7/OP-1
BMP-8/OP-2
PC8/OP-3 (mouse)
60A (Drosophila)
BMP-2
BMP-4
Decapentaplegic (Drosophila)
Vg-1 (Xenopus)
Univin (sea urchin)
Vgr-2/GDF-3
GDF-1
Screw (drosophila)
BMP-11
GDF-8
ActivinβC
ActivinβD (Xenopus)
ActivinβE
BMP-14/GDF-12
ActivinβA
ActivinβB
GDF-14
Mullerian inhibiting substance
α-inhibin
lefty (mouse)
GDNF

FIG 2A

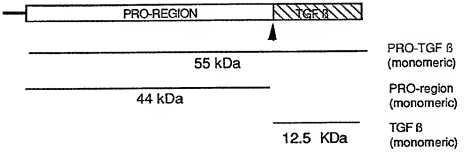
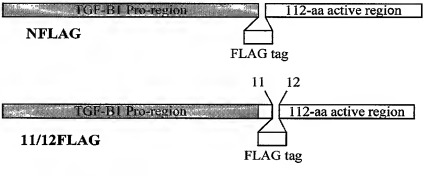


FIG 2B



Docket 2/2/04

FIG 3A

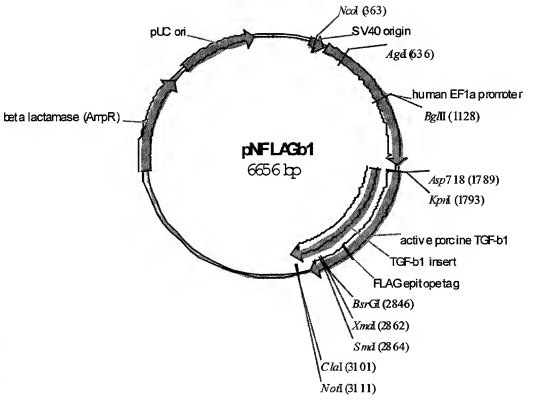
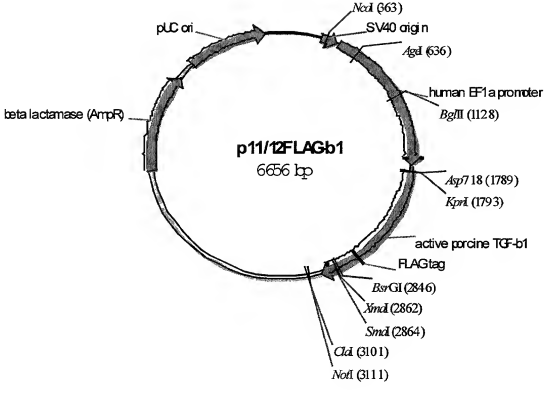

NcoI (363)
pUC ori
SV40 origin
AgeI (636)
human EF1a promoter
beta lactamase (AmpR)
BglII (1128)
pNFLAGb1
6656 bp
Asp718 (1789)
KpnI (1793)
active porcine TGF-b1
TGF-b1 insert
FLAG epitope tag
BsrGI (2846)
XmaI (2862)
SmaI (2864)
ClaI (3101)
NotI (3111)

FIG 3B


NcoI (363)
pUC ori
SV40 origin
AgeI (636)
human EF1a promoter
beta lactamase (AmpR)
BglII (1128)
p11/12FLAGb1
6656 bp
Asp718 (1789)
KpnI (1793)
active porcine TGF-b1
FLAG tag
BsrGI (2846)
XmaI (2862)
SmaI (2864)
ClaI (3101)
NotI (3111)

TMH/pgs - 4239-61302

FIG 4A

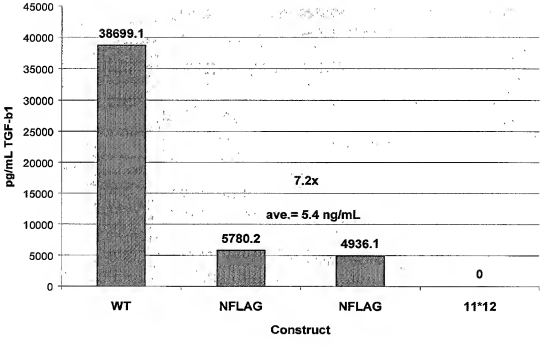


FIG 4B

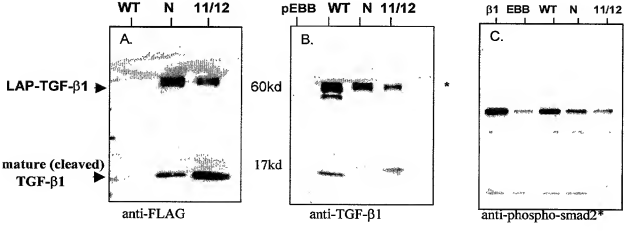
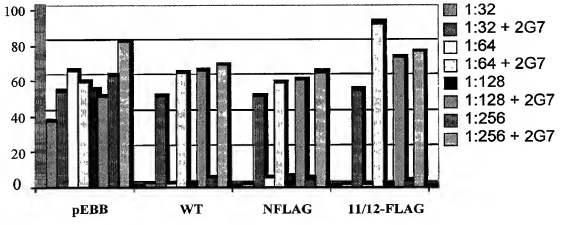


FIG 5



FOOT-LEGAL

FIG 6A

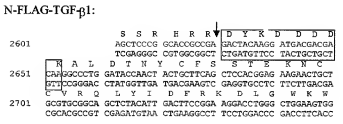


FIG 6B

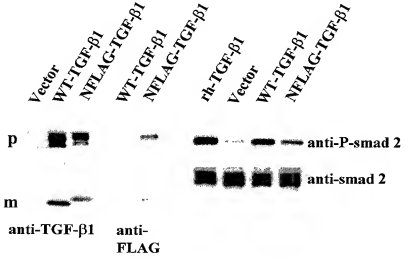


FIG 6C

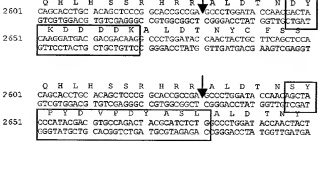


FIG 6D

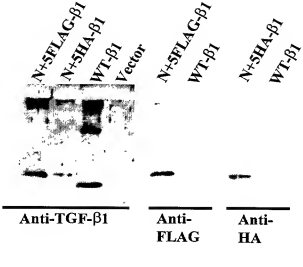


FIG 7A

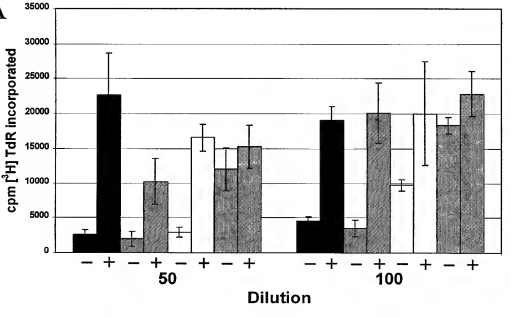


FIG 7B

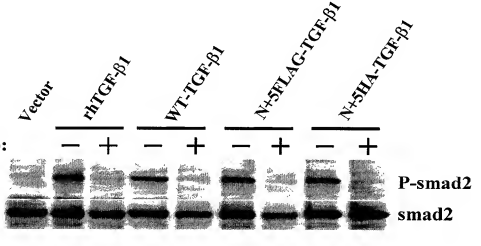
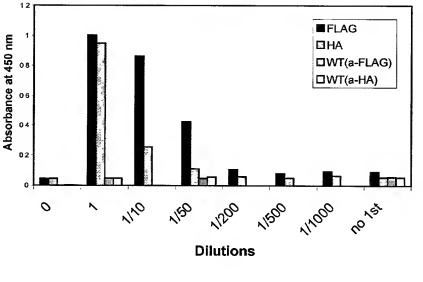



FIG 7C